

STTR FY02 PH I By Company

COMPANY	TOPIC	TITLE
Advanced Cytometry Instrumentation Systems	ARMY02-T016	Novel Methods for Rapid Monitoring of Decontamination Efficacy
Analytical Biological Services Inc.	ARMY02-T009	Fluorescent Coated Filters for Detection of Biological Warfare Agent Microorganisms in Water
Analytical Biological Services Inc.	ARMY02-T012	Fluorescent Liposomes for Detection of Biological Warfare Agent Toxins in Water
Aptima, Inc.	ARMY02-T017	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
Avanti Optics Corp.	ARMY02-T005	Layered, 3-D RF/Optoelectronic Microstructures with Precision Kinematic Mount
Charles River Analytics Inc.	ARMY02-T004	Real-time Adaptive Classification Environment using Rules (RACER)
CRYO Industries of America, Inc.	ARMY02-T010	Magnetic Resonance Force Microscopy
Dakota Technologies, Inc.	ARMY02-T012	Development of fluorescent liposomes to detect biological toxins using fluorescence resonance energy transfer
DBC Technology Corp.	ARMY02-T015	Standoff Chemical/Biological Sensor Detection Algorithms
Electrophorics Inc.	ARMY02-T013	Inert metal encapsulation of magnetic particles for improved magnetic field effects at fuel cell electrodes
EMAG Technologies, Inc.	ARMY02-T005	Micromachined, Three-Dimensionally Integrated RF or RF-Optoelectronic Circuit Components
Frontier Technology, Inc.	ARMY02-T004	Analysis and Characterization of Pattern Classifiers
FuelCell Energy, Inc.	ARMY02-T013	Field-Enhanced Carbon Monoxide Tolerance of Polymer Electrolyte Membrane (PEM) Fuel Cells
Giner Electrochemical Systems, LLC	ARMY02-T013	Magnetically-Enhanced PEM Fuel Cells for Carbon Monoxide Containing Reformates
Insightful, Inc. (formerly MathSoft, Inc.)	ARMY02-T019	Statistical Methods for Multinomial Data with Multilevel Structures
Limbs & Things, Inc	ARMY02-T017	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
Linden Photonics Inc.	ARMY02-T005	Micromachined, Three-Dimensionally Integrated RF or RF-Optoelectronic Circuit Components
Luna Innovations Incorporated	ARMY02-T012	Fluorescent, Polymerized, Affinity Liposomes for the Detection of Bacterial Toxins
Luna Innovations Incorporated	ARMY02-T016	Viability Assay for Monitoring Decontamination of Pathogenic Bacteria
Maxwell Sensors Corp.	ARMY02-T016	Rapid ATP-Glow for Biological Decontamination Efficacy Test
Mirum Corporation	ARMY02-T001	Promoting Realistic Self-Assessment as the Basis for Effective Leader Self-Development
Morphotek Inc	ARMY02-T018	Systems For Alternate Sources Of Thrombin And Fibrinogen For Human Use
NexTech Materials, Ltd.	ARMY02-T008	Low Temperature Fuel Cells Based on Proton Conducting Ceramic Membranes
Nomadics, Inc.	ARMY02-T009	Detection of Infectious Bacteria in Water
NuVant Systems, LLC	ARMY02-T008	Compact Intermediate-Temperature Fuel Cells
Pacific Advanced Technology	ARMY02-T014	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
Physical Domains	ARMY02-T002	THz Differential Absorption Radar for Bioparticulate Detection

Physical Sciences Inc.	ARMY02-T002	Terahertz (THz) - Frequency Differential-Absorption Spectrometer for Remote Biological Agent Detection
Physical Sciences Inc.	ARMY02-T014	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
Picotronix, Inc. dba Picometrix	ARMY02-T002	Terahertz (THz) - Frequency Differential-Absorption Spectrometer for Remote Biological Agent Detection
Pixon LLC	ARMY02-T010	Essential Image Processing for Magnetic-Resonance Force Microscopy
Scientific Systems Company, Inc	ARMY02-T019	Novel Statistical Estimation Algorithms and Tools for Binomial and Multinomial Longitudinal Data
Sea Run Holdings, Inc.	ARMY02-T018	Salmon clotting proteins for human bandages
Sensera, Inc.	ARMY02-T009	Fluorescent Coated Filters for the Detection of Biological Warfare Agents in Water
Simmetrix, Inc.	ARMY02-T003	Toolkit to Support Parallel Adaptive Computations on Unstructured Meshes
SimQuest International, Inc.	ARMY02-T017	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
Spectral Sciences, Inc.	ARMY02-T015	3D Lidar Simulation Model for Development and Validation of Biological and Chemical Agent Detection and Identification Algorithms
Surface Optics Corporation	ARMY02-T014	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
T/J Technologies, Inc.	ARMY02-T008	Novel Membranes and Intermediate Temperature Fuel Cells
The Davis Nelson Company	ARMY02-T001	Underlying Cognitive Processes of Leadership Behavior & Development
Toyon Research Corp.	ARMY02-T019	Generalized Linear Mixed-Effects Models in R
Twilight Training	ARMY02-T001	Leader Self-Development Support Program with Classroom and Web-Based Components
Xidex Corporation	ARMY02-T010	Nuclear Magnetic Resonance Force Microscopy Using Ultrasensitive Oscillators